



PATENT
Docket No. 003948 USA X01/ETCH/SILICON/JB

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box CPA
Commissioner for Patents
Washington, DC 20231

CONTINUED PROSECUTION APPLICATION (CPA) REQUEST TRANSMITTAL

This is a request for a:

- Continuation
 Divisional

application under 37 CFR §1.53(d) of prior application:

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OFFICE OF PETITIONS

PARTICULARS OF PRIOR APPLICATION

Application Serial No. 09/379,753

Filed: 08/24/1999

Examiner: Rudy Zervigon

Title: MONITORING A PROCESS AND COMPENSATING FOR
RADIATION SOURCE FLUCTUATIONS

New Attorney Docket No. 003948 USA/ETCH/SILICON/JB

INVENTORSHIP STATEMENT

This application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above, and the inventor(s) in this application are:

- the same

- less than those named in the prior application, and it is requested that the following inventor(s) identified above for the prior application be deleted:

AMENDMENTS AND IDENTIFICATION OF CLAIMS FOR FURTHER PROSECUTION

- The fees to be charged are to be based on the number of claims remaining as a result of the:
- attached amendment
- unentered amendment filed under 37 CFR 1.116 in the prior application, which was previously filed on 04/14/2001 and is hereby requested to be entered.
- claims on file in the prior application

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FEE CALCULATION (37 CFR 1.16)

OFFICE OF PETITIONS

	NUMBER OF CLAIMS FILED	LESS NUMBER PAID BY BASIC FEE	FEES FOR EXTRA CLAIMS (Not less than zero)	LARGE ENTITY FEE
BASIC FEE				\$740.00
TOTAL CLAIMS	42	-20 = 22	x\$18.00 =	\$396.00
INDEPENDENT CLAIMS	7	-3 = 4	x\$84.00 =	\$336.00
First Presentation of Multiple Dependent Claims			+\$270.00	
Total Filing Fee Calculation				\$1472.00

PETITION FOR SUSPENSION OF PROSECUTION FOR THE TIME NECESSARY TO FILE AN AMENDMENT

- There is provided herewith a Petition for Suspension of Prosecution for the Time Necessary to File an Amendment (37 CFR 1.103) - New Application Filed Concurrently

PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(A)

- This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response in the prior application. The requested extension and appropriate non-small-entity fee are as follows (check time period desired):

- One month (37 CFR 1.17(a)(1)) \$ _____
- Two months (37 CFR 1.17(a)(2)) \$ _____
- Three months (37 CFR 1.17(a)(3)) \$ _____
- Four months (37 CFR 1.17 (a)(4)) \$ _____
- Five months (37 CFR 1.17 (a)(5)) \$ _____

FEE PAYMENT BEING MADE AT THIS TIME

- No filing fee is submitted
- Filing Fee \$ 1472.00
- Petition for Extension of Time Under 37 CFR 1.136(a) fee \$ _____
- Recording assignment (\$40) [37 CFR 1.21(h)]
- Processing and retention fee (\$130) [37 CFR 1.53(d) and 1.21(l)]
- Please charge deposit account no. 50-1074 in the amount of: \$ 1472.00

(A duplicate copy of this request is enclosed)

AUTHORIZATION TO CHARGE ADDITIONAL FEES

- The Commissioner is hereby authorized to charge the following additional fees which may be required by this paper and during the entire pendency of this application, to Deposit Account No. 50-1074.
- 37 CFR 1.16(a), (f) or (g) (filing fees)
- 37 CFR 1.16(b), (c) and (d) (presentation of extra claims)

- 37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
- 37 CFR 1.17 (application processing fees)
- 37 CFR 1.18 [issu fee at or before mailing of Notice of Allowance, pursuant to 37 CFR 1.311(h)]

INSTRUCTIONS AS TO OVERPAYMENT

- Credit Deposit Account No. 50-1074

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ASSIGNMENT

- The prior application is assigned of record to: Applied Materials, Inc. OFFICE OF PETITIONS
- An assignment of the invention to: _____, is attached.
- Form PTO 1595 (Recordation Form Cover Sheet) is also attached (in duplicate)

POWER OF ATTORNEY

- The power of attorney in the prior application is to:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Michael B. Einschlag	Registration No. 28,301
Joseph Bach	Registration No. 37,771
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 25,436
Robert W. Mulcahy	Registration No. 37,487
Ashok K. Janah	Registration No. 37,487

- The power appears in the original papers in the prior application.
- The power does not appear in the original papers, but was filed on _____.
- A new power has been executed and is attached.

MAINTENANCE OF COPENDENCY OF PRIOR APPLICATION

- A petition, fee and response has been filed to extend the term in the pending prior application until _____

INFORMATION DISCLOSURE STATEMENT

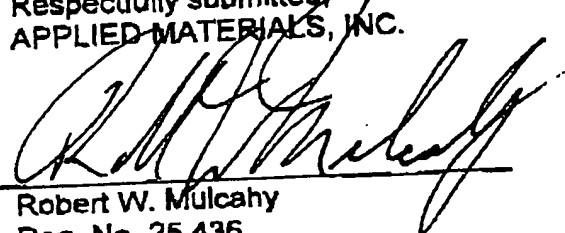
- Submitted herewith is an Information Disclosure Statement
 PTO-1449
 Copies of IDS Citations

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Respectfully submitted
APPLIED MATERIALS, INC.

By: 
Robert W. Mulcahy
Reg. No. 25,436

Dated: 11/5/01

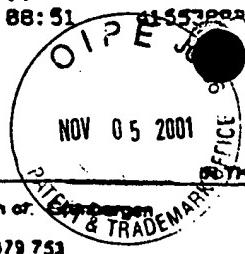
Please direct all telephone calls to:

Ashok K. Janah
(415) 538-1555

Please continue to send all correspondence to:

Patent Counsel
APPLIED MATERIALS, INC.
P.O. Box 450A
Santa Clara, California 95052

NOV 05 2001



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Serial No.: 09/379,753

Filed: 8/24/1999

For: MONITORING A PROCESS AND COMPENSATING
FOR RADIATION SOURCE FLUCTUATIONS

Group No: 1783

Examiner: Zevigron

Attorney Docket No: 000046 USAWATCH/SILICON, B1

April 17, 2001
San Francisco, California

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Commissioner for Patents
Washington, D.C. 20231

1. Papers Enclosed

- Amendment, Marked-Up Copy of Claims/Specification
- 8 Sheets of Informal drawings
- Supplemental Information Disclosure Statement
- Form PTO-1449
- Citations
- Postcard for return
- _____
- _____

Extension of Term

 Applicant petitions for an extension of time under 37 CFR 1.138.

Extension (Months)	Extension Fee
<input type="checkbox"/> One Month	\$110.00
<input type="checkbox"/> Two Months	\$220.00
<input checked="" type="checkbox"/> Three Months	\$330.00
<input type="checkbox"/> Four Months	\$1,320.00
Total: \$ 330.00	

 Applicant believes no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

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Fees for Extra Claims

Amendment Fee Calculation

	Claims remaining after amendment	Highest Number Previously Paid for	Number Extra	Rate	Additional Fee
				Large Entity	
Total Claims	42	59	-17	\$15.00	0
Independent Claims	7	9	-2	\$30.00	0
Multiple Dependent claims				\$270.00	0
Supplemental Information Disclosure Statement				\$180.00	0.00
				TOTAL	0.00

FEE PAYMENT

Extension Fees	\$ 890.00
Fees for Extra Claims	\$ 0.00
Total:	\$ 890.00

- Attached is check no. _____ in the sum of \$0.00.
 Please charge account no. 50-1074 in the sum of \$ 890.00.
A duplicate of this transmitted is attached.

FEE DEFICIENCY

If any additional extension and/or fee is required, charge Account No. 50-1074.
and/or
 if any additional fee for claims is required, charge Account No. 50-1074.

Please direct all telephone calls to:
Ashok K. Janah at (415)538-1568.Please continue to send correspondence to:
Patent Counsel
APPLIED MATERIALS, INC.
P.O. Box 450A
Santa Clara, CA 95051

Respectfully submitted,

Robert W. Mulcahy
Registration No. 25,436

Date

4/17/01

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Box AF
Commissioner for Patents
Washington, D.C. 20231By Rowena Montoya, dated 04/17/01
Rowena Montoya



#15

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: GRIMBERGEN

Serial No: 09/379,753

Filed: August 24, 1999

For: MONITORING A PROCESS AND
COMPENSATING FOR RADIATION
SOURCE FLUCTUATIONS

Group Art Unit: 1763

Examiner: Rudy Zervigon

Attorney Docket No:
003948 USA/ETCH/SILICON/JB1April 17, 2001
San Francisco, California

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AMENDMENT

Box AF
Commissioner for Patents
Washington, D.C. 20231

COPY

Examiner Zervigon:

This amendment is in response to the office action mailed on October 20, 2000,
and is filed within 6 months thereof with a three month extension fee.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Box AF
Commissioner for Patents
Washington, D.C 20231

By Rowena Montoya
Rowena Montoya

Dated 04/17/01